

POWER OF ATTORNEY and CORRESPONDENCE ADDRESS INDICATION FORM	Application Number	
	Filing Date	
	First Named Inventor	John Alan Gervias et al.
	Title	Method And Apparatus For Optimizing Bandwidth In Broadcast/Multicast Video Systems
	Art Unit	
	Examiner Name	
Attorney Docket Number		PU040042

I hereby appoint:

☒ Practitioners at Customer Number **Customer Number 24498**
OR
☒ Practitioner(s) named below:

Name	Registration Number

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the Patent and Trademark Office connected therewith.

Please recognize or change the correspondence address for the above-identified application to:

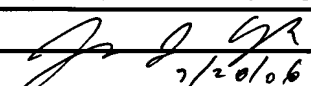
☐ The above-mentioned Customer Number: **OR**
☐ The address associated with Customer Number: **OR**

<input checked="" type="checkbox"/> Firm or Individual Name	Joseph J. Laks, Patent Operations				
Address	THOMSON LICENSING INC.				
Address	P. O. BOX 5312				
City	PRINCETON	State	NJ	ZIP	08543-5312
Country	USA				
Telephone	609-734-6820	Fax	609-734-6888		

I am the:

☐ Applicant/Inventor.
☒ Assignee of record of the entire interest. See 37 CFR 3.71.
Certificate under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

SIGNATURE of Applicant or Assignee of Record

Name	Joseph J. Opalach, Attorney, Reg. No. 36,229				
Signature					
Date	7/26/06	Telephone	609-734-6839		

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

☒ *Total of 3 forms are submitted.

**POWER OF ATTORNEY
THOMSON LICENSING**

We,

THOMSON LICENSING
46, Quai A. Le Gallo
F-92100 Boulogne-Billancourt
France

do hereby grant

Joseph J. Laks
Vice President
Thomson Licensing Inc.
Two Independence Way
Princeton, New Jersey 08540

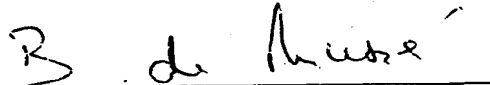
a revocable, non-exclusive and delegable power of attorney to act for us (including the signing of requisite documents) in proceedings concerning patents and applications for patents, including international and other multi-country patents and applications for patents, in our name in the Patent Offices in all countries worldwide from July 1, 2005

DATED this ____14th____ day of __February__, in the year 2006.

Signature:

Typed Name As Signed:

Title:


Béatrix de Russe
Authorized Representative,
Vice-President Intellectual Property & Licensing

THOMSON LICENSING

**POWER OF ATTORNEY
THOMSON LICENSING**

THOMSON LICENSING
46, Quai A. Le Gallo
F-92100 Boulogne-Billancourt
France

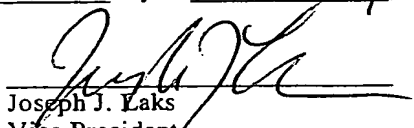
does hereby grant

Harvey D. Fried - Sr. Patent Counsel/Manager
Ronald H. Kurdyla - Sr. Patent Counsel/Manager
Robert D. Shedd - Sr. Patent Counsel/Manager
Robert B. Levy - Sr. Patent Counsel/Manager
Frank Y. Liao - Sr. Patent Counsel/Manager
Reitseng Lin - Sr. Patent Counsel
Christine Johnson - Sr. Patent Counsel
Guy H. Eriksen - Sr. Patent Counsel
Catherine A. Ferguson - Sr. Patent Counsel
Joseph J. Kolodka - Sr. Patent Counsel
Kuniyuki Akiyama - Sr. Patent Counsel
Paul P. Kiel - Sr. Patent Counsel
Jeffrey M. Navon - Sr. Patent Counsel
Joel M. Fogelson - Sr. Patent Counsel
Joseph J. Opalach - Sr. Patent Counsel
Sammy S. Henig - Sr. Patent Counsel
Patricia A. Verlangieri - Sr. Patent Counsel
Brian J. Dorini, Sr. Patent Counsel
Jorge Tony Villabon - Patent Counsel
Vincent E. Duffy - Patent Counsel
Richard LaPeruta - Patent Counsel
Francis A. Davenport - Sr. Patent Agent
William A. Lagoni - Patent Agent
Brian J. Cromarty - Patent Agent
Ronald Kolczynski - Member Patent Staff
Michael A. Pugel - Patent Agent
*Thomson Licensing Inc.
Two Independence Way
Princeton, New Jersey 08540*

a revocable, non-exclusive and delegable power of attorney to act for us (including the signing of requisite documents) in proceedings concerning patents and applications for patents, including international and other multi-country patents and applications for patents, in our name in the Patent Offices in all countries worldwide from July 1, 2005.

DATED this 27th day of February, 2006.

SIGNED


Joseph J. Laks
Vice President
Thomson Licensing Inc. and
Attorney In Fact for
THOMSON LICENSING

WITNESS

